

FOLDI, M.; SZABO, G.; ZSOLDOS, I.

Effect of electroshock on kidney function. Orv. hetil. 94 no. 3:
68-71 18 Jan 1953. (CML 24:1)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

Fluid storage and resorption in lymphatic physiology. Orv. hetil. 94 no.15:
410-414 12 Apr 1953. (CJML 24:4)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

On nervous regulation of the lymphatic circulation; the effect of diebna-
mine on the lymphatic circulation. Orv. hetil. 94 no.27:739-741 5 July
1953. (GIML 25:1)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

SZABO, G.; ZSOLDOS, I.; REV, J.

Renal function in the acute diseases of the liver parenchyma. Orv.
hetil. 94 no.48: 1323-1328 29 Nov 1953. (CML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

FOLDI, M.; RISZNYAK, I.; ROMHANYI, G.; SZABO, G.; SOLTÍ, F.

Insufficiency of the lymphatic flow in the heart. Acta med. hung.
6 no.1-2:61-75 1954.

1. I. Innere Klinik der Medizinischen Universität, Budapest und
Pathologisch-Anatomisches Institut der Medizinischen Universität,
Pecs.

(LYMPHATIC VESSELS, physiol.

eff. of ligation of cardiac lymph vessels on ECG &
histol. in dogs)

(ELECTROCARDIOGRAPHY,

eff. of ligation of cardiac lymphatic vessels in dogs)

(HEART, pathol.

eff. of ligation of cardiac lymphatic vessels in dogs)

SZABO, Gyorgy; MAGYAR, Zsuzsanna

Measurement of glomerular filtration with the aid of dextran.
Kiserletes orvostud. 6 no.3:197-201 May 54.

1. Budapesti Orvostudományi Egyetem I. sz. Belgyógyászati
Klinikája.

(KIDNEY FUNCTION TESTS,

dextran, measurement of glomerular filtration)

(DEXTRAN,

measurement of glomerular filtration)

FOLDI, M.; RUSZNYAK, I.; SZABO, Gy.; MAGYAR, Zs.

Studies on the function of lymph capillaries; the spread of the fluid and macromolecules in interstitium. Acta med. hung. 6 no.3-4: 229-254 1954.

1. I. Innere Klinik der Medizinischen Universitat, Budapest.

(LYMPHATIC VESSELS

capillaries, funct. in spread of fluid & macromolecules in interstitium)

(HYALURONIDASE, eff.

spreading, determ.)

FOLDI, M.; RONA, Gy.; RUSZNYAK, I.; SZABO, Gy.

Lymphatic system and renal interstitium in intercapillary
glomerulosclerosis. Acta med. hung. 6 no.3-4:525-532 1954.

1. I. Medizinische Klinik und Institut für Pathologische
Anatomie der Medizinischen Universität, Budapest.

(NEPHROSCLEROSIS

Kimmelsteil-Wilson synd., lymphatic vessels & renal
interstitium in)

(DIABETES MELLITUS, compl.

Kimmelsteil-Wilson synd., lymphatic vessels & renal
interstitium in)

(KIDNEYS, pathol.

interstitium in Kimmelsteil-Wilson synd.)

(LYMPHATIC VESSELS

renal, in Kimmelsteil-Wilson synd.)

Szabo, Gyorgy

BABICS, Antal, dr., FOLDI, Haly, M., dr. RENYI-VAMOS, Ferenc, dr.; ROMHANYI, Gyorgy, dr. RUSZNYAK, Istvan, dr. SZABO, Gyorgy, dr.

Disse's spaces and the lymphatic system of the liver. Magy. belorv. arch. 7 no.1:7-10 Feb 54.

1. A Budapesti Orvostudományi Egyetem I. sz Belklinikájának (Igazgató: Rusznyak Istvan dr. egyetemi tanár), Urológiai Klinikájának (Igazgató: Babics Antal dr. egyetemi tanár) és a Pécsi Orvostudományi Egyetem Kórházának Intézetének (Igazgató: Romhányi György dr. egyetemi tanár) közleménye.

(LIVER, anat. & histol.

Disse's spaces & lymphatic system)

(LYMPHATIC SYSTEM

liver)

SZABO, Gyorgy

BABICS, Antal, dr.; FOLDI, Mihaly, dr.; RENYI-VAMOS, Ferenc, dr.; ROMHANYI, Gyorgy, dr.; RUSZNYAK, Istvan, dr. SZABO, Gyorgy, dr.

The significance of the lymphatic system of the liver in choledochal stenosis and cholangitis. Magy belorv. arch. 7 no.3:86-91 June 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: dr. Rusznyak István egyetemi tanár) Urológiai Klinikájának (igazgató: dr. Babics Antal egyetemi tanár) és a Pécsi Orvostudományi Egyetem Kórházának Intézetének (igazgató: dr. Romhányi György egyetemi tanár) közleménye.

(BILE DUCT, COMMON, stenosis,
liver lymphatic system in)

(CHOLANGITIS, physiology,
liver lymphatic system)

(LIVER,
lymphatic system in cholangitis & choledochal stenosis)

(LYMPHATIC SYSTEM,
liver, in cholangitis & choledochal stenosis)

SZABO, György

GOMORI, Pal; SZABO, György; KOVACS, Arisztid; NAGY, Zoltan; TAKACS, Lajos;
WILTNER, Willibald

The role of hypoxia and hypercapnia in the neuroregulation of the renal circulation and diuresis. Magy Belorv. arch. 7 no.5:129-145 Oct. 54.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: Gomori Pal egyetemi tanár) I. sz. Belklinikájának
(igazgató: Rusznyak István egyetemi tanár) és Élettani Intézetének
(igazgató: Balint Peter egyetemi tanár) közleménye.

(CARBON DIOXIDE, in blood

hypercapnia, eff. on renal circ. & diuresis in dogs)

(ANOXIA, exper.

eff. on renal circ. & diuresis in dogs)

(KIDNEYS, blood supply

circ., eff. of exper. anoxia & hypercapnia in dog)

(DIURESIS

eff. of exper. anoxia & hypercapnia in dogs)

FOLDI, Mihaly, orvostudományok doktora; JELLINEK, Harry; SZABO, György.
orvostudományok kandidátusa.

Studies on the lymphatic system of the thyroid. Magy. Tudom. Akad.
Biol. Orv. Oszt. Kozl. 6 no.1:13-21 1955.

1. A Magyar Tudományos Akadémia Kísérletes Orvostudományi
Kutatóintézete Kóreltani Osztálya, a Budapesti Orvostudományi
Egyetem I. sz. Belklinika és II. sz. Kóronctani Intézete.
(THYROID GLAND, anatomy and histology,
lymphatic system.)
(LYMPHATIC SYSTEM, anatomy and histology,
thyroid lymphatic system.)

FOLDI, Mihaly, orvostudományok doktora; KEPES, Janos; ROBICSEK, Ferenc, aspirans; RUSZNYAK, Istvan, r. tag.; SZABO, Gyorgy, orvostudományok kandidátusa.

Pathogenesis of pulmonary edema. II. Pulmonary edema in dogs with vitium cordis and in vagotomized dogs with ligated lymphatic vessels. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 6 no.1:29-36 1955.

1. A Magyar Tudományos Akadémia Kísérletes Orvostudományi Kutató Intézete, a Budapesti Orvostudományi Egyetem I. sz. Belgyógyászati Klinikája, Sebésztovábbképző Klinikája és az Országos Idegsebészeti Tudományos Intézet.

(EDEMA, experimental,
lungs, prod. in dogs.)

(LUNGS, diseases,
exper. edema in dogs.)

FOLDI, Mihaly, orvostudományok doktora; KEPES, Janos; ROBICSEK, Ferenc, aspirans; SZABO, György, orvostudományok kandidátusa.

Hemodynamic experiments in pulmonary edema produced by ligation of the lymphatic vessels in dogs with vitium cordis. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 6 no.1:121-122 1955.

1. A Magyar Tudományos Akadémia Kísérletes Orvostudományi Kutató Intézete, a Budapesti Orvostudományi Egyetem I. sz. Belklinikája, Sebesztovábbképző Klinikája és az Országos Idegsebészeti Tudományos Intézet.

(EDEMA, experimental, lungs, hemodynamic aspects in edema prod. by lymphatic ligation.)

(LUNGS, diseases, exper. edema, hemodynamic aspects in edema prod. by lymphatic ligation.)

FOLDI, M.; JELLINEK, H.; SZABO, Gy.

Investigations on the lymphatic system of the thyroid glands.
Acta med.hung. 7 no.1-2:161-172 1955.

1. Pathophysiologische Abteilung des Forschungsinstitutes für
Experimentelle Medizin der Ungarischen Akademie der Wissen-
schaften, I. Klinik für Innere Medizin und II. Institut für
Pathologische Anatomie der Medizinischen Universität, Budapest.

(THYROID GLAND, anatomy and histology,
lymphatic system)

(LYMPHATIC SYSTEM,
thyroid gland)

FOLDI, M; JELLINEK, H; RUSZNYAK, I; SZABC, Gy.

Storage of proteins in endothelial cells of the lymphatic capillaries. Acta med.hung. 7 no.1-2:211-214 1955.

(PROTEINS, metabolism,

endothelial cells of lymphatic capillaries, storage)

(LYMPHATIC VESSELS,

capillaries, storage of proteins by endothelial cells
in)

BABICS, A., von.; FOLDI, M.; RENYI-VAMOS, F.; ROMHANYI, Gy.; RUSZNYAK, I.; Szabo, Gy.

Lymphatic system of the liver and its pathological significance.
Acta med. hung. 7 no.3-4:261-278 1955.

1. I. Klinik für innere Medizin und Urologische Klinik der
Medizinischen Universität, Budapest, und Pathologisch-
Anatomisches Institut der Medizinischen Universität, Pecs.

(LIVER,

lymphatic system, eff. of ligation of bile ducts)

(LYMPHATIC SYSTEM,

liver, eff. of ligation of bile ducts)

(BILE DUCTS, physiology

eff. of ligation on liver lymphatic system)

FOLDI, M.,; KEPES, J.,; RUSZNYAK, I.,; SZABO, Gy.

Significance of lymph circulation in the lungs in circulation of fluids in the lungs. Acta med. hung. 7 no.3-4:345-369 1955.

1. Forschungsinstitut für Experimentelle Medizin der Ungarischen Akademie der Wissenschaften, I. Medizinische Universitätsklinik, Klinik für Chirurgische Fortbildung und Staatliches Forschungsinstitut für Nerven Chirurgie, Budapest.

(LUNGS, diseases,

exper. edema caused by ligation of lymph vessels)

(EDEMA, experimental,

lungs, caused by ligation of lymph vessels)

(LYMPH-VESSELS, physiology,

eff. of ligation, exper. edema in lungs)

SZABO, Gyorgy, dr.

Physiologic and pathologic importance of the lymphatic system.
Magy. belorv. arch. 8 no.3:65-76 June 55.

1. A Budapesti Orvostudományi Egyetem I. sz Belgyógyászati
Klinikájának (igazgató: Rusznyak, István, dr. egyet. tanár)
közleménye.

(LYMPHATIC SYSTEM,
physiol. & pathol. importance (Hun))

SZABO, Gy.; MAGYAR, Zs. .

Capillary permeability in ischemic shock. Acta med. hung. 8 no.3-4:
287-308 1955.

1. I. medizinische Klinik der Medizinischen Universität, Budapest.
(SHOCK, experimental,
capillary permeability in ischemic shock)
(CAPILLARY PERMEABILITY, in various diseases,
exper. ischemic shock)

SZABO, Gy

Rusznayk, I., Földi, M., and Szabó, Gy.: Physiologie
und Pathologie des Lymphkreislaufs. Budapest: Akad.
Kiadó 1958 950 pp 150 Ft.

Med

3

SZABO, Gyorgy, dr.; REV, Judit, dr.; SOLTI, Ferenc, dr.

Effect of humoral factors on changes in salt excretion and diuresis induced by changes in volume of eventually circulating blood. Magy. belorv. arch. 9 no.3:92-96 June 56.

1. A Budapesti Orvostud. Egyetem I. sz. Belklinik. (igaz.: Rusznyak, Istvan, dr. akademikus, egyetemi tanar) kozl.

(BLOOD VOLUME

exper. decrease in circ. blood volume inducing changes in diuresis & salt excretion in congestive heart failure, diabetes insipidus & in normal humans, role of humoral factors (Hun))

(DIURESIS, physiol.

eff. of exper. decrease of circ. blood volume on salt excretion & diuresis in congestive heart failure, diabetes insipidus & in normal humans, role of humoral factors (Hun))

(CONGESTIVE HEART FAILURE, physiol.

diuresis & salt excretion, role of humoral factors in changes induced by exper. decrease of circ. blood volume in humans (Hun))

(DIABETES INSIPIDUS, physiol.

same)

SZABO, Gyorgy, dr.; FOLDI, Mihaly, dr.; SOLTI, Ferenc, dr.; REV, Judit, dr.;
MARTON, Istvan, dr.; TORNOS, Karoly, dr.

Effects of changes in the effectively circulating blood volume on renal salt excretion and diuresis in normal state and in decompensated heart diseases. Magy. belorv. arch. 9 no.4:97-104 Aug 56.

1. A Budapesti Orvostudományi Egyetem I. Sz. Belklinikájának (igazgató: Ruzsnyak, Istvan, dr. akadémikus) közleménye.
(CONGESTIVE HEART FAILURE, compl.
edema, eff. of changes in circulating blood volume on renal salt excretion & diuresis (Hun))

SZABO, Gy.; FOLDI, M.; SOLTI, F.; REV, J.; MARTON, I.; TORNOS, K.

Effect of changes in effective circulating blood volume on renal salt excretion and diuresis in normal humans and in cardiac decompensation. Acta med. hung. 10 no.1-2:1-14 1956.

1. Medizinische Universitätsklinik, Budapest.

(BLOOD VOLUME

eff. of changes in effective circulating blood volume on diuresis in normal humans & in congestive heart failure (Ger))

(DIURESIS, physiol.

eff. of changes in effective circulating blood volume in normal humans & in congestive heart failure (Ger))

(CONGESTIVE HEART FAILURE, physiol.

eff. of changes in effective circulating blood volume on diuresis (Ger))

SZABO, Gy.

✓ Role of humoral factors in the decline of water and salt
excretion through change of the effective circulating blood
volume. Gy. Szabo, J. Biol. Chem. 235: 1000-1004, 1960.

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excretion. The antidiuretic hormone (ADH) has
paralleled the change in renal behavior in the case of
diabetic states.
Excretion of water and
NaCl is decreased.

FOLDI, M.; RVE, J.; SOLTI, F.; SZABO, Gy.; ZSOLDOS, I.; KOLTAY, E.

Effect of dibenamine on antidiuresis and antisaluresis following the decreasing of effective circulating blood volume. Acta med. hung. 10 no.1-2:35-42 1956.

1. I. Medizinische Universitatsklinik, Budapest.

(BLOOD VOLUME

eff. of decrease of effective circulating blood volume
on diuresis, antag. of inhib. by dibenamine (Ger))

(DIURESIS, physiol.

eff. of decrease of effective circulating blood volume
& antag. of inhib. by dibenamine)

(SYMPATHOLYTICS, eff.

antag. of inhib. of diuresis by decrease of effective
circulating blood volume (Ger))

Szabo, G.

Action of histamine on capillary permeability. Gy.
Szabo and L. Magyar. *Acta Clinica et Hungarica Acad. Sci.*
Indagationes Medicae 10: 55-66 (1956)
The effect of histamine on capillary permeability and on
the response of the precapillary arterioles to histamine
intra-arterially in the cat. The response of the precapillary
arterioles to histamine was studied in the cat. Not only the
response of the precapillary arterioles to histamine
dilated. Cats did not show an increase in permeability or
the symptoms of histamine shock, and the precapillary
arterioles were contracted. The changes in tone of the pre-
capillary arterioles may influence the response to symptoms
of traumatic shock as well as of histamine intoxication.
H. L. Williams

2

572480 64
BRAUN, P.; FOLDI, M.; KISFALUDY, S.; SZABO, GY.

Free amino acid content of the lymphs. Acta med. hung. 10 no.1-2:
67-73 1956.

1. I. medizinische Universitätsklinik und pathophysiologische
Abteilung des Forschungs-Instituts für experimentelle Medizin
der ungarischen Akademie der Wissenschaften, Budapest.

(LYMPH

free amino acid content in dogs (Ger))

(AMINO ACIDS, determ.

in lymph, free amino acid content in dogs (Ger))

SZABO, Gyorgy, dr.

New clinical-laboratory testing methods. Orv. hetil. 97 no.33:
912-918 12 Aug 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Rusznyak, István, dr. egyet. tanár) közleménye.
(DIAGNOSIS
clin. & laboratory tests, new methods (Hun))

SZABÓ, G.

380. Free amino acid content of the lymph. P. Braun, M. Foldi,
S. Kisfaludy, and G. Szabó *Nature, Lond.*, 1956, 177, 1133-1134
(1st Dept. of Med., Univ. of Budapest, Koranyi Sándor u.2/a,
Budapest, VIII, Hungary). I. B. FARR

4

SZABO, Gyorgy;MAGYAR, Zsuzsa

~~Effects of dibenamine on the tonus of the thoracic duct.~~ *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.3:281-286 1957.*

1. Az MTA Kiserletes Orvostudomanyi Kutato Intezete Korelettani Osztalya.

(SYMPATHOLYTICS, eff.

dibenamine, decreasing tonus of thoracic duct in dogs (Hun))

(THORACIC DUCT, eff. of drugs on

dibenamine, decrease of tonus in dogs (Hun))

FOLDI, Mihaly, az orvostud. doktora, Pásznyak Istvan akademikus; SZABO, Gyorgy
az orvostudományok doktora; SZINAY, Gyula

Perilymphatic edema, Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.4:
371-383 1957.

1. Az MTA Kísérleti Orvostudományi Kutató Intézet Korelettani Osztálya,
a Budapesti Orvostudományi Egyetem I. sz. Belklinikája és a Koltói
Klinikák Prosecturája.

(EDEMA

perilymphatic edema, pathogen. & histopathol. (Hun))

(LYMPHATIC VESSELS

same)

SZABO.; Gy.; SOLTI, F.; REY, J.; MARTON, I.

Effects of decrease in the effectively circulating blood volume on the renal function in Addison's disease. Magy. belorv. arch, 10 no.1:30-32 Feb '57.

1. A Budapesti Orvostudományi Egyetem-I. sz. Belklinikájának
(Igazgató: Rusznyak István dr. egyetemi tanár) közleménye.

(ADDISON'S DISEASE, physiol.

eff. of decrease in effectively circulating blood
volume on renal funct. (Hun))

(KIDNEYS, in various dis.

Addison's dis., eff. of decrease in effectively cir-
culating blood volume on funct. (Hun))

CHLORPROMAZINE

SZABO, Gyorgy.; Solti, F. and.; REV, Judit.; MEGYESI, Klara

Effect of chlorpromazine (largactil) on kidney function in edematous cardiac patients. Magy. belorv. arch. 10 no.2-3:46-51 Apr-June 57.

(CONGESTIVE HEART FAILURE, ther.

chlorpromazine, eff. on kidney funct. (Hun))

(CHLORPROMAZINE, ther. use

congestive heart failure, eff. on kidney funct. (Hun))

V-2

HUNGARY/Pharmacology and Toxicology - Tranquilizers.

Abs Jour : Ref Zhur - Biol., No 14, 1953, 66220

Author : Szabo, Gy., Solti, F., Rev, J., Megyesi, K.

Inst : Hungarian AS

Title : Effects of Chlorpromazine on the Renal Function in
Edematous Cardiac Patients.

Orig Pub : Acta med. Acad. sci. hung., 1957, 10, No 3, 315-326.

Abstract : Chlorpromazine (I) was used in the treatment of 12 cardiac patients with edemas. Under the influence of (I), there was a sharp increase (3-4 times, on the average) in H₂O and water excretion. Glomerular filtration and renal blood flow increased to a lesser extent and sometimes altered in the opposite direction. The authors believe that the diuretic effect of (I) is associated with a decrease of the humoral antidiuretic substance in the patients' blood,

Card 1/2

- 8 -

SZABO, Gy.; SOLTÍ, F.; REV, J.; MARTON, I.

Effect of reduction of effective circulating blood volume on renal function in Addison's disease. Acta med. hung. 10 no.4:343-347 1957.

1. 1st Department of Medicine, University, Budapest.

(ADDISON'S DISEASE, physiol.

eff. of reduction of effective circulating blood volume on renal funct.)

(BLOOD VOLUME

eff. of reduction of effective circulating blood volume on renal funct. in Addison's dis.)

(KIDNEYS, in various dis.

Addison's dis., eff. of reduction of effective circulating blood volume on funct.)

SZABO, Gy.; MAGYAR, Zs.

The effect of dibenamine on the tone of the thoracic duct. Acta med. hung. 11 no.1:123-128 1957.

1. Department of Pathophysiology, Institute of Experimental Medicine
Hungarian Academy of Sciences, Budapest.

(SYMPATHOLYTICS, eff.

dibenamine diminution of thoracic duct tone in dogs.)

(THORACIC DUCT, eff. of drugs on

dibenamine diminution of tone in dogs.)

SZABO, Gy., dr.; ZSOLDOS, I., dr.; PALINKAS, J., dr:

Effect of chlorpromazine (largactil) on renal function in hypertension. Orv. hetil. 98 no.5-6:93-95 10 Feb 57.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató: Russnyak, Istvan, dr. egyetemi tanár) közleménye.

(HYPERTENSION, ther.

chlorpromazine, eff. on renal funct. (Hun))

(CHLORPROMAZINE, ther. use

hypertension, eff. on renal funct. (Hun))

(KIDNEYS, in various dis.

hypertension, eff. of chlorpromazine on funct. (Hun))

SZABO, Gyorgy (az orvostudományok doktora); SÓTI, Ferenc; MAGYAR, Zsuzsa

Effect of chlorpromazine on coronary circulation. Magy. Tudom. Akad.
Orv. Oszt. Kozl. 9 no.1:67-73 1958.

1. A MTA Kiserletes Orvostudományi Kutató Intézete Korelettani Osztálya.
(CHLORPROMAZINE, eff. ...
on coronary blood flow in dogs (Hun))
(CORONARY VESSELS, eff. of drugs on
chlorpromazine on coronary blood flow in dogs (Hun))

SZABO, Gyorgy (az orvostudományok diktora); MAGYAR, Zsuzsa

Effects of chlorpromazine on hepatic blood flow and splanchnic oxygen consumption. *Magy. Tudom. Akad. Orv. Oszt. Kozl.* 9 no.1:129-133 1958.

1. A Magyar Tudományos Akadémia Kísérleti Orvostudományi Kutató Intézet Koreleltani Osztálya.

(CHLORPROMAZINE, eff.

on hepatic blood flow & oxygen consumption in dogs (Hun))

(LIVER, blood supply

eff. of chlorpromazine on hepatic blood flow & oxygen consumption in dogs (Hun))

S 2 1150 6
SOS, J.; CSALAY, L.; GATI, T.; KEMENY, T.; KERTAI, P.; NAGY, Z.; PERENY, L.;
SZABO, G., Technikai Asszisztensek: SCHNELL, M.; JONA, M.

Antityrosine compounds. Kiserletes orvostud 9 no.5-6:570-574 Oct-Dec
58.

1. Budapesti Orvostudományi Egyetem Korelettani Intezete es Orszagos
Kozegeszsegugy Intezet.

(TYROSINE, antag.

eff. on *Lactobacillus casei* & rat organs (Hun))

(*LACTOBACILLUS*, eff. of drugs on

tyrosine antag. on *Lactobacillus casei* (Hun))

524130, 640667
BRAUN, Pal; FOLDI, Mihaly; KISFAUDY, Sandor; SZABO, Gyoggy

Amino acid determination in lymph. Kiserletes orvostud, 10 no.1:11-14
Feb 58.

1. Budapesti Orvostudományi Egyetem I. Belklinika.
(LYMPH
amino acid content in dogs (Hun))
(AMINO ACIDS, determ.
in lymph in dogs (Hun))

SZABO, Gy., SOLTÍ, F., Rev.; REFI, Z.; MEGYESI, K.

Effect of chlorpromazine on myocardial hypoxia. *Magy. belorv. arch.*
11 no.1:10-12 Feb 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Rusznayak István dr. egyetemi tanár) közleménye.

(HEART, eff of drugs on
chlorpromazine on exper. myocardial anoxia in human volun-
teers (Hun))

(CHLORPROMAZINE, eff.
on exper. myocardial anoxia in human volunteers (Hun))

SZABO, G.; Solti, F.; REV, J.; KARSAY, G.; FEHER, G.

The effect of anesthesia on antidiuresis and antisaluresis resulting from the reduction in the effective circulating blood volume. Acta med. hung. 11 no.3:359-364 1958.

1. 1st Department of Medicine, University Medical School, and Central Institute for Nervous and Mental Diseases, Budapest.

(ANESTHESIA, eff.

on antidiuresis & antisaluresis due to reduction of effective circulating blood volume in human volunteers)

(DIURESIS

antidiuresis & antisaluresis due to reduction of effective circulating blood volume, eff. of anesth. in human volunteers)

(BLOOD VOLUME

reduction of effective circulating volume inducing antidiuresis & antisaluresis, eff. of anesth. in human volunteers)

SZABO, Gyorgy. Dr.

Effects of chlorpromazine on blood circulation: data on the use of
largactil in the therapy of internal diseases. Orv. hetil. 99 no.23:
761-769 8 June 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Rusznayk István dr. egyet. tanár) közleménye.

(CHLORPROMAZINE, eff.

on blood circulation, relation to use in ther. of internal
dis. (Hun))

(BLOOD CIRCULATION, eff. of drugs on
chlorpromazine, relation to use in ther. of internal dis.
(Hun))

SZABO, Gyorgy, Dr.; MAGYAR, Zsuzsa; KERTAI, Pal, Dr.; ZADORY, Erno, Dr.

Effect of total body x-irradiation on capillary permeability. Orv.
hetil. 99 no.45:1566-1568 9 Nov 58.

1. A MTA. Kiserletes Orvostudomanyi Kutato Intezet Korellettani Oss-
talyanak es a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaanak
(Igazgato: Rusznyak Istvan dr. egyet tanar) kozlemenye.

(CAPILLARY PERMEABILITY, eff. of radiations on
x-ray total body irradiation in dogs (Hun))

(ROENTGEN RAYS, eff.
on capillary permeability, total body irradiation in
dogs (Hun))

DERI, I. [Döry, I.]; GERI, I.; SABO, G. [Szabó, G.]; OPOTSKI, P. [Oposzky, P.]

Synthesis of progesterone from erosterin. Med.prom. 13 no.10:14-20
0 '59. (MIRA 13:2)

1. Zavod farmatsevticheskikh i khimicheskikh preparatov "Khinoi" (Budapesht) i Institut organicheskoy khimii Tekhnicheskogo universiteta (Budapesht).

(ERGOSTEROL)

(PROGESTERONE)

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

4988. ABSORPTION OF PROTEIN FROM THE TISSUES AFTER X-IRRADIATION
- Eiweissresorption aus dem Gewebe nach Röntgenbestrahlung - Szabó G.,
Zádory E. and Zoltán O. T. Inst. für Exp. Med., Ungarische Akad.
der Wissensch. (Abt. Pathol. Physiol.); I. Med. Univ.-Klin., Budapest -
Z. GES. EXP. MED. 1959, 131/2 (152-154) Graphs 1

The absorption of I^{131} -labelled dog-serum albumin injected in the hind paws of dogs was studied before a 700 r. total body X-irradiation and 3 and 11 days after it. The rate of appearance and disappearance of the labelled compound from the plasma was measured for 52 hr. after the injection. No significant differences between irradiated and non-irradiated animals were found.

Kelényi - Pécs (II, 14)

SZABO, Gyorgy, az orvostud.doktora; TOLDI, Mihaly, az orvostud.doktora;
MAGYAR, Zsuzsa

The effect of rutin on capillary permeability. Biol orv kozl MTA 11
no.4:419-424 '60. (EKA 10:5)

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája és a Magyar
Tudományos Akadémia Kísérletes Orvostudományi Intézet Korelettani
Osztálya.

(RUTIN)

(CAPILLARIES)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; NAGY, Z.;
WILTNER, W.

Renal blood flow in arterial hypoxia. Acta med. hung. 16 no.1:
37-42 '60.

1. 3rd Department of Medicine (Director: P. Gomori), Institute of
Physiology (Director: P. Balint), and 1st Department of medicine
(Director: I. Rusznyak), University Medical School, Budapest.
(ANOXIA exper)
(KIDNEYS blood supply)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; MAGY, Z.;
WILTNER, W.

The control of renal circulation in hypoxia. Acta med. hung. 16
no.1:43-60 '60.

1. 3rd Department of Medicine (Director: P.Gomori), Institute of
Physiology (Director: P.Balint), and 1st Department of Medicine
(Director: I.Rusznayak), University Medical School, Budapest.
(ANOXIA exper)
(KIDNEYS blood supply)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; NAGY, Z.;
WILTNER, W.; KALLAY, K.

The regulation of cardiac output in hypoxia. Acta med. hung. 16
no.1:93-98 '60.

1. 3rd Department of Medicine (Director: P.Gomori), Institute of
Physiology (Director: P.Balint), and 1st Department of Medicine
(Director: I.Rusznayak), University Medical School, Budapest.
(ANOXIA exper)
(HEART physiol)

SZABO, G.; NGUYEN THI TRUC; LUONG TAN THANH

Contribution to the study of tropical chyluria (filarial). Acta
med.hung.16 no.4:343-361 '60.

1. Service de Medecine Interne de l'Hopital Bach-Mai, Hanoi, Vietnam.
(FILARIASIS urine)
(CHYLE urine)

SZABO, G.; MAGYAR, Susan

The effect of vasodilating drugs on capillary permeability. Acta
med. hung. 16 no.4:377-394 '60.

1. 1st Department of Medicine, University Medical School, Budapest.
(CAPILLARY PERMEABILITY pharmacol)
(VASODILATOR AGENTS pharmacol)

SZABO, G.; FOLDI, M.; MAGYAR, S.

On the effect of rutin on the capillary permeability. Acta med.
hung.16 no.4:423-428 '60.

1. I. Medizinische Klinik der Medizinischen Universität, Budapest
(Direktor: Prof.Dr. I.Rusznayk).
(CAPILLARY PERMEABILITY pharmacol)
(VITAMIN P pharmacol)

SZABO, Gyorgy; SOLTI, Ferenc; ACS, Gyorgy

Effect of lowered effective volume of circulating blood on electrocardiography in normal subjects and in patients with cardiac decompensation. Magy belorv. arch. 14 no.1:35-39 '61.

1. A Budapesti Orvostudományi Egyetem I szamu Belklinikajanak kozlemenye
(Igazgato: dr. Rusznyak Istvan egy. tanar)

(BLOOD VOLUME) (ELECTROCARDIOGRAPHY)
(HEART DEFECTS CONGESTIVE)

SZABO, Gy.; SOLTI, F.; REV, J.; ISKUM, M.; HERMANN, R.

Effect of lowered effective volume of circulating blood on the minute volume in normal subjects and in patients with cardiac decompensation. Magy belorv. arch. 14 no.2:61-64 My '61.

1. A Budapesti Orvostudományi Egyetem I sz. Belklinikájának közleménye (Igazgató: dr. Ruzsnyak István egy. tanár)

(BLOOD VOLUME) (HEART FAILURE CONGESTIVE)

SZABO, G.; SOLT, F.; ACS, G.

The effect of decrease of circulating blood volume on the electrocardiogram in normal subjects and those with decompensated heart diseases. Acta med.hung. 17 no.1:91-98 '61.

1. I medizinische Klinik (Direktor: Prof. I.Rusznayk) der medizinischen Universität, Budapest.

(HEART FAILURE CONGESTIVE physiol.)
(ELECTROCARDIOGRAPHY physiol.) (BLOOD VOLUME physiol.)

GOMORI, P.; FOLDI, M.; SZABO, G.

Renal function in the case of renal arterio-venous shunt formation.
Acta med.hung. 17 no.1:99-104 '61.

1. Department of Medicine No.1, University Medical School, Budapest.
(KIDNEY blood supply) (ISCHEMIA experimental)

SZABO, G.; BUI THE KY; NGUYEN VAN VINH; VU THUY LAN

Clinical observations on nephritis in Vietnam. Acta med. hung. 17
no.2:163-174 '61.

1. Travail des services de medicine interne de l'hopital no 108
et de l'hospital Bach-Mai de Hanoi (Viet-Nam) et de la 1-ere clinique
medicale de l'universitete de Budapest (Hongrie).
(NEPHRITIS statist.)

SZABO, Gyergy, dr.

Tropical chyluria in Vietnam. Orv. hetil. 102 no.17:794-796 23 Ap '61.

1. Bachmai Korhaz (Hanoi, Vietnam), Belgyegyszerati Osztaly.

(CHYLE urine) (FILARIASIS urine)

SZABO, Gorgy, dr.; NGUYEN, Thi Truc, dr.; LUONG, Tan Thanh, dr.

Clinical examination of patients with chyluria due to filariasis.
Orv. hetil. 102 no.19:888-893 7 My '61.

1. Bachmai Korhaz (Hanoi, Vietnam) Belgyegyszati Osztalya.

(FILARIASIS urine) (CHYLE urine)

SZABO, Gyorgy; MAGYAR, Zsuzsa; PAPP, Miklos

Correlation between capillary filtration and lymph circulation
in venous stagnation. Biol orv kozl MTA 13 no.1-2:145-151 '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinika.

*

SZABO, Gyorgy; ~~SOLTI~~, Ferenc; PETER, Agnes; ISKUM, Miklos; REV, Judit;
FOLDESY, Klara

The effect of the decrease of the effective circulating blood volume on the brain circulation and the resistance of the brain vessels. Biol orv:kozl MTA 13 no.1-2:153-157 '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.

*

HUNGARY

SAZOG, Gyorgyi and MAGYAR, Zoltan, of the National Traumatological Institute (Országos Traumatológiai Intézet) and the Internal Medical Clinic No 1 of the Budapest College of Medicine.

"Role of the Lymphatic Vessels of the Liver After Experimental Tying of the Bile Ducts"

Budapest, 2. KÖZBIOLOGIAI és ORVOSI Tudományok Osztályának Közletemei, Vol 13, No 4, 1962: pp 381-388.

Abstract: [Authors' Hungarian summary modified] After the closure of the common bile ducts and the d. cysticus the amount of lymph carried from the liver increases and the bilirubin concentration of plasma and lymph rises, the latter at a faster rate. In the presence of a constant-rate infusion the bromosulfophthalein concentration of plasma rises after the closure of the bile ducts, and the dye concentration rises also in the lymph, but not at a faster rate than in the plasma. The authors come to the conclusion that after the tying of the bile ducts the process occurring is not a lymphatic regurgitation of bile but a resorption of the bile components filtered into the interstitium by the lymph-capillaries. [18 references, predominantly Western].

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SZABO, Gyorgy; SANDOR, Zsigmond; KASI, Gyula

Comparative studies on Mantoux test with lyophilized purified tuberculin and Toenissen's Tebeprotin. Szemeszet 99 no.1:34-38 Mr '62.

1. Makoi Varosi Tanacs Korhaza (Igazgato-foorvos: Toth J. Janos) Szemosztalyanak (Foorvos: Szabo Gyorgy) es Tudosztalyanak (Foorvos: Sandor Zsigmond) kozlemenye.

(TUBERCULIN REACTION)

HUNGARY

SATORI, Odon, Dr., SZABO, Gyorgy, Dr.; State Institute for Traumatology (Orszagos Traumatologiai Intezet).

"The Effect of Dexamethason in Experimental Shock."

Budapest, Orvosi Hetilap, Vol 103, No 48, 2 Dec 62, pages 2268-2269.

Abstract: [Authors' summary modified] The authors report on dexamethason, a corticosteroid, used by them successfully in experimental ischemic shock. While all untreated dogs succumbed, 67 percent of the treated ones survived. According to these results, clinical use of glucocorticoids for the prevention of traumatic shock is warranted. The mechanism of protection is unclear since the fluid and protein loss due to the injury was not influenced by the treatment. The fall of blood pressure in two thirds of the treated animals did not go beyond 55 mm Hg and these survived the trauma. The corticoid possibly increases sensitivity toward the endogen pressor amine and prevents circulatory collapse.

[All Western references]

HUNGARY

SZABO, G., MAGYAR, Z., and KRASZNAI, I., of the National Traumatological Institute (Orszagos Traumatologiai Intezet), and the Internal Medical Clinic No 1 (I. szamu Belgyogyaszati Klinika) of the Budapest Medical University.

"Relationship of the Protein- and Electrolyte Content of Renal Lymph with the Composition of Kidney Parenchyma and Urine"

Budapest, A MTA Biologiai es Orvosi Tudomanyok Osztalvanak Kozlemenyei, Vol 14, No 1, 1963; pp 65-77.

Abstract: On the basis of the author's own investigations, the article deals with the following topics: (1) The electrolyte content of renal lymph. (2) The protein-content of renal lymph. (3) The water- and electrolyte content of kidney tissue. (4) The protein content of kidney tissue. The Na content of the lymph is significantly lower than that of blood plasma. No significant deviation was found in the K content. The water content of the cortex is higher than of the medulla. The osmotic pressure of the interstitial liquid of the kidney hardly differs from that of blood plasma. The cortical lymph contains significantly more protein than the hilus lymph. [34 references, mainly Western].

HUNGARY

SZABO, Gyorgy, MAGYAR, Zsuzsa; National Traumatological Institute (director: SZANTO, Gyorgy, Dr) and Medical University of Budapest, I. Medical Clinic (director: RUSZNYAK, Istvan, Dr) (Orszagos Traumatologiai Intezet es a Budapesti Orvostudomanyi Egyetem I. sz. Belgyogyaszati Klinika).

"The Effect of Noradrenalin on the Blood Supply and Work of the Heart During Ischemic Shock."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 247-252.

Abstract: [Authors' Hungarian summary] In dogs, the minute volume decreased essentially in proportion with the blood pressure, during ischemic shock. The coronary flow has decreased as well, although to a somewhat smaller extent. The supply of the coronaries has not been altered significantly. On the administration of noradrenalin, the arterial pressure became normal, the minute volume, however, did not increase appreciably. The increase in pressure was due to an increase of the peripheral resistance. The supply of the coronaries decreased rather than the opposite. In accordance with this, the coronary flow was raised above that of the control values and the coronary fraction of the minute volume has shown a large increase. 37 Western, 4 Hungarian references.

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HUNGARY

SZABO, Gyorgy, Dr; National Traumatological Institute (director: SZANTO, Gyorgy, Dr) (Orszagos Traumatologiai Intezet).
"APPROVED FOR RELEASE: 08/31/2001" CIA-RDP86-00513R001654330002-7"

"The Effect of Noradrenalin on the Cerebral Circulation and on Metabolism, During Ischemic Shock."

Budapest, Magyar Sebeszet, Vol. XVI, No 4, Aug 1963, pages 253-258.

Abstract: [Author's Hungarian summary] During experimental ischemic shock in dogs, the normalization of blood pressure with 1-noradrenalin has no influence on the survival of the animals. The cerebral blood flow and O₂-consumption increase with the increase of the blood pressure. Noradrenalin, however, increases the vascular resistance in the brain. Therefore, no linear correlation exists between the increase of the blood pressure and of the flow. 28 Western, 6 Hungarian references.

1/1

SZABO, Gy.; MAGYAR, Zsuzsa; PAPP, M.

Correlation between capillary filtration and lymph flow in venous
congestion. Acta med. acad. sci. hung. 19 no.2:185-191 '63.

1. First Department of Medicine, University Medical School, Budapest.
(LYMPH) (EXTREMITIES) (VEINS) (CAPILLARIES)
(PHYSIOLOGY)

HUNGARY

SZABO, Gyorgy, Dr. MAGYAR, Zsuzsa; National Traumatological Institute and Medical University of Budapest, I. Medical Clinic (Orszagos Traumatologiai Intezet es Budapesti Orvostudomanyi Egyetem, I. Belklinika).

"The Effect of Experimental Blocking of the Extrahepatic Bile Ducts on Liver Circulation."

Budapest, Orvosi Hetilap, Vol 104, No 23, 9 June 63, pages 1070-1074.

Abstract: [Authors' Hungarian summary] One to two hours after experimental blocking of the extrahepatic bile ducts on dogs, the blood volume circulating through the liver was decreased greatly. The phenomenon is explained by the increase of intrahepatic pressure as a result of biliary stasis. This explanation is supported by the observation that after blocking the bile ducts, the pressure in the portal vein increases significantly. The BSP excretion of the liver did not diminish during the three hour long experimental procedure. 15 Western, 2 Hungarian references.

p/1

SZABO, Gyorgy, dr.

Transistorized manual fusiometer. Orv. hetil. 106 no.23:1085-
1086 6 Je '65

1. Budapesti Orvostudományi Egyetem, Szemeszeti Klinika
(igazgató: Radnot, Magda, dr.).

HUNGARY

SZABO, Gyorgy, SATORI, Odon, GRANDTNER, Gabor; National Institute of Traumatology (Országos Traumatologiai Intezet), Budapest.

"The Mechanism of Action of Adrenal Steroids in the Prevention and Therapy of Shock. The Effect of Prednisolone in Noradrenalin and Adrenalin Shock."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 86-89.

Abstract: [Authors' Hungarian summary] In the irreversible shock produced by noradrenalin infusion in dogs, 0.5 mg/kg phenoxybenzamine has a definitely protective effect. Half of the animals survive the shock. Large doses of prednisolone have neither a therapeutic nor a protective effect on noradrenalin or adrenalin shock; they rather decrease the survival rate of the animals by about half and they also increase the pressor and hemoconcentration-increasing effect of noradrenalin. It appears unlikely that the protective or therapeutic effect of corticosteroids, as reported, on shock would be based on the blockage of the adrenergic endapparatus. 3 Hungarian, 4 Western references. [Manuscript received 5 Mar 66.]

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BARTOS, Gyula, okleveles gépészmérnök; JANCSON, Tibor; JAROSI, Marton; CSERNAVOLGAI, László; GRAF, László, dr.; MOTICSKA, Felician; SEIBERT, Istvan; ZAVODSZKY, Ferenc; EHMAN, József; ELSZASZ, Rezső; SZABO, Gyula; TANASS, József; NOSZTRAI, Konrad; PETER, Istvan; BARDOSSY, Dezső; SARVARY, Elemer; VALY, Ferenc, dr.; DOBOS, Imre; KOVACS, Sandor; MAJOROS, Sandor

Designing questions of city gas distributing networks. Energia és atom 18 no.1:33-47 Ja '65.

1. Civil Engineering Designing Office, Budapest (for Bartos).
2. National Power Economy Authority, Budapest (for Majoros).

ROZSOS, Istvan, dr.; SZABO, Gyula, dr.

Appendiceal carcinoid and multiple diverticuli of the veriform process. Orv. hetil. 106 no.39:1857-1858 26 S '65.

1. Kaposvari Korhaz, I. Sebészeti Osztaly (foorvos: Szabo, Bela, dr.) es Korbonctani-Korszovettani Osztaly (foorvos: Prievara, Janos, dr.).

HUNGARY

HORVATH, Miklos, Dr, veterinary specialist; Artificial Insemination Main Station (director: SZABO, Gyula, Dr, chief veterinary) (Mesterseges Terme-kenyito Foallomas), Magyarakeresztur.

"Data on the Reproductive Ability of Cows with High Milk Production."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 7, Jul 66, pages 307-309.

Abstract: (Author's English summary modified] The reproductive data of a highly productive dairy farm was studied. It was found that, in spite of the high milk yield (4809-5759 kg/year/cow) by the 300 cows over several years' duration, the average yearly calving ratio was 85 per cent, an acceptable figure. In daily milk yield between the first and last calving and the average time interval between two calvings there was an $r=+0.23$ correlation and a regression of 4.51 day/ 1 kg milk. Although the correlation was low, it indicates that by increasing the milk production an extension of the calving interval must be reckoned with. The calving interval of 10 cows with record milk production was 18.5 days longer than the average of the stock. From the breeding aspect, record-producing cows which are breeding regularly should be preferred. In highly productive cows, reliable reproduction can only be achieved by correct management, feeding and veterinary measures. Such farms can not be without a veterinarian familiar with the problems of reproduction. 5 Eastern European, 1 Western references.

1/1

LUDANY, G.; GATI, T.; SZABO, H.

Further studies on the effect of reserpine on the movements of intestinal villi. Acta physiol. hung. 14 no.4:399-402 1958.

1. Pathophysiologisches Institut der Medizinischen Universität, Budapest.
(RESERPINE, eff.
on movements of intestinal villi in dogs (Ger))
(INTESTINES, eff. of drugs on
reserpine on movements of intestinal villi in dogs (Ger))

SZABO, Istvan

The new five-year plan of the Hungarian chemical industry.
Term tud kozl 4 no. 5: 193-196 My '60.

1. Manager, Budapest.

SZABO, I.

Food and feeding of the spotted salamander (*Salamandra salamandra* L.). Acta zool Hung 8 no.3/4:459-477 '62.

1. Zoologische Abteilung des Ungarischen Naturwissenschaften
Museums, Budapest. Direktor: Dr. Z. Kaszab.

TOTH, K.; SZABO, I.

Relations between dental caries and the nervous system. Acta
med.hung. 17 no.1:63-76 '61.

1. Klinik für Zahn- und Kieferkrankheiten (Direktor: Prof. D.Hattyasy)
der medizinischen Universität, Szeged.
(DENTAL CARIES etiol.) (NERVOUS SYSTEM physiol.)

SZABO, I.

Geologic data on the information on bentonite occurrences at Nagyteteny. p. 325

A MAGYAR ALLAMI FOLDTANI INTEZET EVI JELENTESE. Budapest, Hungary, 1955/56 (Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
Uncl.

SZABO, I.

FRANK, K.; SZABO, I.

The practical evaluation of bacteria-viability determination in infants and children. Orv.hetil. 91 no.21:663-665 21 My '50. (CLML 19:3)

1. Pediatric Clinic (Director -- Dr. Odon Kerpel-Fronius) and Public Hygiene Institute (Director -- Dr. Karoly Rauss) Pecs University, Pecs.

TANOS, B.; PETRI, G. prof.; CZIPOTT, Z.; ABRANDY, E.; BOROS, M.; Techn.
assistance: SZABO I.; VOROS, J.

Haemodynamic and metabolic response of dogs to the simultaneous
occlusion of the carotid and vertebral arteries. Acta chir. acad.
sci. Hung. 6 no.2:187-199 '65.

1. First Department of Surgery (Director: Prof. G. Petri), Univer-
sity Medical School, Szeged.

SZABO, Illes

Physiological analysis of the effect of new urea products on sheep with rumen fistula. Allattenyesztes 13 no.2:177-187 Je '64.

1. Division of Animal Physiology and Feeding, Research Institute of Animal Breeding, Budapest.

CSEH, G.; SZABO, Ilona

Studies on the mechanism of properdin—zymosan reaction. Part 1.
The role of polysaccharide structure in combination with properdin.
Acta microb. hung. 8 no.2:181-187 '61.

1. Research Institute of Pharmaceutical Industry, Budapest.
(PROPERDIN chemistry) (POLYSACCHARIDES chemistry)

HUNGARY

CSEH, Gyorgy; SZABO, Ilona; Department of Biochemistry (Biokémiai Osztály) of the Pharmaceutical Industrial Research Institute (Gyógyszeripari Kutató Intézet), Budapest.

"Study of the Basis of the Martin, Sadin Test with Various Sera."

Budapest, Kísérletes Orvostudomány, Vol 13, No 1, Feb 63, pp 42-47.

Abstract: [Authors' Hungarian summary] The reaction of cetyltrimethylammonium bromide (Cetavlon) was studied with various sera. The amount of precipitate formed with Cetavlon is largest between pH 5 and 6, but is an effect of ionic strength and the concentration of surface-active substances. The curve based on the latter shows three maxima and the relative amounts of polypeptides, carbohydrate and acidic acid differ in these periods. It is concluded that the serum glyco- and mucoproteins are bound by Cetavlon and the reaction occurs mostly with the carboxyl groups of the acidic acid present in the precipitate. Under certain circumstances, the test may have diagnostic potentials. Of 11 references, two are from Europe, the rest is Western.

[1]

HUNGARY

SZABO, Ilona, CSEH, Gyorgy; Research Institute of the Pharmaceutical Industry, Biochemical Department (Gyógyszeripari Kutató Intézet, Biokémiai Osztály), Budapest.

"Determination of the Properties and Activity of Lipoprotein Lipase (Clearing Factor) in Human and Animal Sera."

Budapest, Kísérletes Orvostudomány, Vol XV, No 4, Aug 1963, pages 417-422.

Abstract: [Authors' German summary] The properties of the clearing factor present, without previous heparin treatment, in the serum of various species has been investigated. Investigations of substrate specificity, pH and temperature dependence, albumin requirement as well as enzyme stability have shown that the enzyme activity present in the serum exhibits, with the exception of stability, the same properties as the lipoprotein lipase present in the serum after heparin administration. Because of the lability of the enzyme, full activity of the "endogeneous" lipoprotein lipase can be measured only for a very short time after the blood is drawn. This lability taken into account, a method has been developed for the measurement of endogeneous lipoprotein lipase activity and comparative studies have been conducted with various species. 1 Hungarian, 18 Western references.

SZABO, Ilona

Audio-frequency generators. Hir techn 15 no.9:271-279 S '64.

1. Beloiannis Telecommunication Engineering Factory, Budapest.

SCS, J.; GATI, T.; KEMENY, T.; RIGO, J. Technical assistance: SCHNELL,
Maria; JONA, Margit; SZABO, Ilona

Infarctoid cardiac lesions induced by dietetic factors in the
dog. Acta med. acad. sci. Hung. 20 no.1:1-8 '6

Infarctoid cardiac lesions induced by dietetic factors in the
cock. Ibid.: 9-15

1. Institute of Pathophysiology (Director: J.Scs), University
Medical School, Budapest.

L 1980-66

ACCESSION NR: AT5024288

HU/2505/6 /025/002/0117/0124

AUTHOR: Cseh, G.; Szabo, Ilona K.

TITLE: Significance of the chemical structure of polysaccharides in the activation of lipoprotein lipase

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 25, no. 2, 1964, 117-124

TOPIC TAGS: biochemistry, polysaccharide, enzyme, protein

ABSTRACT: [English article, authors' English summary modified] The effect of various polysaccharides on lipoprotein lipase activity has been investigated using heart acetone powder or an ammonia extract of it as enzyme source. Heparin, heparitin sulfate, chondroitin sulfate, pectin, inulin, mannan, gum arabic, agar, dextran, glycogen and starch were studied. In doses between 1-15 microgram, all polysaccharides but dextran, glycogen and starch were able to activate the latent enzyme in heart muscle powder. The degree of this activation depended on the concentration and chemical characteristics of the

Card 1/3

L 1980-66

ACCESSION NR: AT5024288

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polysaccharide used with both types of enzyme source. Protamine inhibited completely the effect of acid polysaccharides on acetone powder but failed to influence the effect of neutral polysaccharides. Both heparin and inulin were able to counteract the protamine-induced inhibition of enzyme activity in the ammonia extract, heparin being effective in much smaller doses than inulin. In contrast, the inhibition by protamine on the acetone powder enzyme was reversed by much greater amounts of heparin only. The results suggested that lipoprotein lipase activity is connected with those types of polysaccharides which contain O-sulfate, N-sulfate or -COOH groups as structural elements. In the absence of such structural elements, glycoside bonds of the 1-2 or 1-3 types can also be involved in the action. Conclusions have been drawn concerning the mechanism of action of the carbohydrate co-factor of lipoprotein lipase. Orig. art. has: 4 graphs, 1 table.

Card 2/3

L 1980-66

ACCESSION NR: AT5024288

ASSOCIATION: Research Institute for Pharmaceutical Industry, Budapest ⁴⁴⁵⁵ 3

SUBMITTED: 00

ENCL: 00

SUB CODE: LB

NR REF SOV: 000

OTHER: 025

JPRS

Card 3/3

DP

L 30123-66

ACC NR: AT6020335

SOURCE CODE: HU/2505/65/028/004/0309/0317

AUTHOR: Szabo, Ilona K.; Bagdy, Daniel; Csah, Gyorgy

ORG: Department of Biochemistry, Research Institute for Pharmaceutical Chemistry,
Budapest (Gyogyszerkutato Intezet Biokemiai Osztalya)

TITLE: Studies on the correlation between lipoprotein lipase activity and clotting
of blood plasma

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 4, 1965,
309-317

TOPIC TAGS: blood plasma, enzyme, protein, biochemistry, animal physiology

ABSTRACT: The lipoprotein lipase activity of human plasma was investigated in connection with the clotting system. In citrated plasma the onset of coagulation leads to appearance of lipoprotein lipase activity, regardless of whether clotting is caused by recalcification, addition of thromboplastin or thrombin. When thromboplastin is added, lipoprotein lipase activity appears in the citrated plasma, in contrast to hirudinized plasma. Enzyme activity decreases with increasing thromboplastin concentration. By contrast, thrombin causes an increase of lipoprotein lipase activity both in citrated plasma and at a certain thrombin:hirudin ratio in hirudinized plasma samples. In isolated fibrinogen-thrombin systems a factor appeared which, when added to plasma, brought about an increase of lipoprotein lipase activity without coagulation. Orig. art. has: 2 figures and 4 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 04Mar65 / ORIG REF: 001 / OTH REF: 018 / SOV REF: 001
Card 1/1 ULR

SZABO, Imre, akadémikus, egy.tanár (Budapest)

Some remarks about the 11th General Conference of UNESCO, Magyar Tud
68 no.5:295-300 My '61. (EEAI 10:9/10)

1. Intezeti igazgató, Magyar Tudományos Akadémia Allam- és Jogtudo-
mányi Intézete, Budapest.

(United Nations Educational, Scientific and Cultural
Organization)

SZABO, Imre

Pressure regulation questions of liquid transportation carried out in pipelines. Pt. 2. Meres automat 11 no. 10:321-324 '63.

1. Mechanikai Meromuszerek Gyara Rendszertechnikai Osztalya vezetoje.

SZABO, Imre, akadémikus

Conference of the representatives of the academies of sciences
of the socialist countries. Magyar Tud 69 no.6/7:434-436 Je-Jl
'62.

1. Magyar Tudományos Akadémia fotitkarhelyette.

SZABO, Imre, akadémikus

State of social sciences and the Hungarian long-range
scientific research plan. Magy tud 70 no.8:503-513
Ag '63.

1. Magyar Tudományos Akadémia Allam- és Jogtudományi
Intézete igazgatója, Budapest; "Magyar Tudomány" szerkesztő
bizottsági tagja.

SZABO, Imre; VAGACS, Geza

Point condensation by aerial triangulation for making 1:10,000 scale maps. Geod kart 14 no.4:265-274 '62.

1. Fotogrammeter, Kartografiai Vallalat (for Szabo). 2. Mernok, Kartografiai Vallalat (for Vagacs).

HUNGARY

SZABO, Lora; KELLENYI, Lorand; KARMOS, Gyorgy; Medical University of
Pecs, Physiological Institute (Pecsi Orvostudományi Egyetem Élettani
Intézete)

A Motion Registering Apparatus Suitable for Testing of the Startle
Reaction.

Magyar. Orvostudományi, Vol XIV, No 6, 1962, pages 600-603.

[Authors' summary] A motion registering apparatus is dis-
cussed which can be connected with a biological amplifier. Its mechanism
is based on the magnetic induction of electric current. It can be
used on freely moving, intact experimental animals and man especially
for the registering of phasic motion. Its sensitivity can be adjusted
to register motions which are not or hardly recognizable by the eye,
or greater ones. The apparatus is suitable for animal research and
clinical examinations of the startle reaction.

[All 5 of the references are Western.]

Szabo, Imre J.

Hungary/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6764

Author: Szabo, Imre J.

Institution: None

Title: Possible Use of Synthetic Food Dyestuffs

Original

Publication: Elelm. ipar, 1955, 9, No 1, 14-19

Abstract: A discussion of the carcinogenic properties of some synthetic dyes due to their chemical structure, in particular of aminated aromatic hydrocarbons. It is pointed out that synthetic dyestuffs should be allowed for use after extensive tests on animals.

Card 1/1

SZABO, Imre (Szeged, Lenin krt. 69); TOTH, Karoly (Szeged, Lenin krt. 69)

Effect of constant life conditions on the buffer capacity of saliva.
Acta physiol Hung 20 no.2:93-102 '61.

1. Szegedi Orvostudományi Egyetem Fog- és Szájbeteg Klinikája.

T

S/262/62/000/018/001/007
1007/1207

AUTHORS: Kiss, I., Kosa-Somogyi, I., and Szabo, Iana.

TITLE: Organic moderators

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 18, 1962, 15, abstract. 42.18.62 (Kernenergie, no. 12; 1961, 905-912 [German])

TEXT: The properties are described of organic substances and their mixture for use as moderators and coolants in nuclear reactors. Compared with water, organic compounds have many advantages: high boiling, noncorrosiveness, reduced reactivity, reduced cross section for neutron absorption, and a high moderating capacity. Their main disadvantage is their tendency to decompose under the action of radiations. The resistance of polyphenyls can be increased by the addition of inhibitors. The paper brings a table of the nuclear-physical properties of diphenyl, isopropylidiphenyl, santowax, diphenyldowtherm, as well as the results of some investigations of these substances. Analysis is made of methods for reducing the radiolysis of polyphenyls by the addition of inhibitors, and of the mechanism of this process. Soviet and U.S. investigations show that in certain inhibitors the action range of the molecule may

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